

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A song data downloading system for use with a music data server and a musical jukebox, said music data server storing server song data of a plurality of songs, said musical jukebox having a compact disk storage and retrieval system, a compact disk player, a music production system for producing audio, and a credit system for accepting user money, said song data downloading system comprising:
  - a song selection device;
  - a control, said control operable to receive a user selection of song data with said song selection device, the selected song data being chosen from compact disk song data or downloaded song data, said compact disk song data being of a compact disk that is in the compact disk storage and retrieval system of the jukebox, said downloaded song data being server song data that is available to be downloaded from the music data server;
  - said control adapted to provide the selected song data to the music production system and producing audio from the selected song data; and
  - said control discarding downloaded song data upon producing audio from the downloaded song data.
2. The system of claim 1 wherein the downloaded song data is encoded.
3. The system of claim 2 including a decoder for decoding downloaded song data.
4. The system of claim 1 including a search function, said search function for searching server song data on the music data server by artist.
5. The system of claim 1 including said search function for searching song data on the music data server by track.
6. The system of claim 1 wherein said control comprises a fully solid-state electronic system.

7. The system of claim 6 wherein said control comprises a microprocessor-based controller.
8. The system of claim 7 wherein said song selection device comprises said control.
9. The system of claim 7 wherein said song selection device comprises a touch screen display.
10. The system of claim 6 wherein said electronic system comprises a touch screen display, a controller, and solid-state memory.
11. The system of claim 6 excluding a hard drive for storing downloaded song data.
12. The system of claim 1 including a title rack for displaying song titles of compact disks in said storage and retrieval system.
13. The system of claim 1 including a song catalog of server song data available to be downloaded.
14. The system of claim 13 wherein said song catalog stores a unique identifier with each server song data.
15. The system of claim 1 including a first queue for identification data of songs selected with said song selection device.
16. The system of claim 15 including a second queue for identification data of server song data selected with said song selection device.
17. The system of claim 1 including a buffer for song data being downloaded.

18. The system of claim 17 wherein said buffer is also for song data that has been downloaded.
19. The system of claim 17 wherein said buffer is also for song data being converted to audio.
20. The system of claim 1 including a plurality of said song selection devices, said control including a plurality of subcontrols, each operable to receive a user selection of said song data with a respective one of said song selection devices, each of said subcontrols adapted to discarding the respective downloaded song data upon producing audio from the downloaded song data.
21. The system of claim 20 including a multiplexer, said multiplexer supplying downloaded song data from one of said subcontrols to said music production system.
22. The system of claim 20 including a housing for each of said song selection devices and respective one of said subcontrols.
23. The system of claim 20 wherein each of said subcontrols comprises a fully solid-state electronic system.
24. The system of claim 23 wherein each of said subcontrols comprises a microprocessor-based controller.
25. The system of claim 20 wherein each of said subcontrols includes a first queue for identification data of songs selected with the respective said song selection devices, a second queue for identification data of server song data selected with the respective said song selection device, and a buffer for song data being downloaded.

26. The system of claim 20 wherein the downloaded song data is encoded and wherein each of said subcontrols comprises a decoder for decoding downloaded song data.
27. The system of claim 1 in combination with a music data server for storing server song data of a plurality of songs, wherein said downloaded song data is server song data that is downloaded by said jukebox from said music data server.
28. The system of claim 27 in combination with a musical jukebox having a compact disk storage and retrieval system, a compact disk player, a music production system for producing audio and a credit system for accepting user money.
29. The system of claim 27 wherein said music data server includes an accounting function.
30. The system of claim 29 wherein said accounting function accounts for royalties that are due for downloaded song data.
31. The system of claim 1 in combination with a musical jukebox having a compact disk storage and retrieval system, a compact disk player, a music production system for producing audio and a credit system for accepting user money.
32. A method of dispensing music, comprising:  
    providing a music data server and storing server song data of a plurality of songs with said music data server;  
    providing at least one jukebox, said at least one jukebox having a compact disk storage and retrieval system, a compact disk player, a music reproduction system, a song data download system and credit system for accepting user money;  
    providing a song selection device;  
    receiving a user selection of song data with said song selection device, the selected song data being chosen from compact disk song data or downloaded song data, said compact disk song data of a compact disk that is in said storage and

retrieval system, said downloaded song data being server song data that is available to be downloaded from said music data server;

providing the selected song data to the music production system and producing audio from the selected song data; and

discarding downloaded song data upon producing audio from the downloaded song data.